BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

Name of Work: Estimate for Construction of School Building and Repair of (Flooring, Painting to School Shulter) at Govt School, Ramachandrapura in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.

Job Code:

Estimated Cost: Rs: 25.00 Lakhs

BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Construction of School Building and Repair of (Flooring, Painting to School Shelter) at Govt School, Ramchandrapura in Ward No. 10 (Doddabommasandra),

Cost Rs:- 25.00 Lakhs | **Job Number:-**

Sl no.	Description of work	No	Dimensions L	B	D	Quantity	Rate	Unit	Amount
1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5								
	Coloumn footings	6	3.50	3.50	2.50	183.75			
	Plinth beams								
	Outer L/W	2	9.70	1.00	1.20	23.28			
	S/W	2	5.50	1.00	1.20	13.20			
		1	3.10	1.00	1.20	3.72			
	Compound wall	1	49.50	1.00	1.20	59.40			
	Deduction					**283.35**			
	For footing portion	6	3.00	1.00	1.20	21.60			
					Total	**261.75**	**204.12**	**Cum**	**53428.00**
	Basic rate	189.00							
	Area Weightage @ 8%	15.12							
	Total	**204.12**							
2	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (Pg.no-12/Item.no-4.3)								
	Coloumn footings	6	3.50	3.50	0.15	11.03			
	Plinth beams								
	Outer L/W	2	9.70	1.00	0.15	2.91			
	S/W	2	5.50	1.00	0.15	1.65			
	"	1	3.10	1.00	0.15	0.47			
	Compound wall	1	49.50	1.00	0.15	7.43			
						23.48			
	Deduction								
	For footing portion	6	3.50	0.30	0.15	0.95			
	Full Hall	1	9.70	5.50	0.15	8.00			
						32.42			

	Deduction plinth beam								
		1	9.70	0.30	0.15	0.44			
		1	5.50	0.30	0.15	0.25			
		1	3.10	0.30	0.15	0.14			
						0.82			
					Total	**31.60**	**5256.36**	**Cum**	**166096.00**
	Basic rate	4867.00							
	Area Weightage @ 8%	389.36							
	Total	**5256.36**							
3	KSRB 5.2-3 : Providing and constructing granite / trap / basalt **size stone masonry in foundation with cement mortar 1:6,** stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. (Pg.no-23/Item.no-5.6)								
	First Course								
	Outside L/W	2	9.70	0.90	0.45	7.86			
	S/W	2	5.50	0.90	0.45	4.46			
	"	1	3.10	0.90	0.45	1.26			
	Compound wall	1	49.50	0.90	0.45	20.05			
	Second Course								
	Outside L/W	2	9.70	0.75	0.30	4.37			
	S/W	2	5.50	0.75	0.30	2.48			
		1	3.10	0.75	0.30	0.70			
	Compound wall	1	49.50	0.75	0.30	11.14			
	Third Course								
	Outside L/W	2	9.70	0.60	0.30	3.49			
	S/W	2	5.50	0.60	0.30	1.98			
		1	3.10	0.60	0.30	0.56			
	Compound wall	1	49.50	0.60	0.30	8.91			
						67.23			
	Deduction								
	Column portion	6	0.20	0.45	1.35	0.73			
					Total	**66.50**	**4521.96**	**Cum**	**300715.00**
	Basic rate	4187.00							
	Area Weightage @ 8%	334.96							
	Total	**4521.96**							
4	KSRB 2.3: Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. In depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5m. Inluding cost of all labour complete as per speicifications. Specification No.KBS 2.9(P.No7, I.No.2.1)								
	Qty vide item no 4	261.75				261.75			
	Take 1/3 of earthwork for filling				**Total**	**86.38**	**82.08**	**Sqm**	**7090.00**
	Basic rate	76.00							
	Area Weightage @ 8%	6.08							
	Total	82.08							

5	KSRB-3.2: Providing and injecting chemical emulsion for Pre-constructional **Anti-Termite Treatment,** creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications(Pg.no-9/Item.no-3.2)								
	For excavtion portion	1	9.70	5.50		53.35			
					Total	**53.35**	**111.24**	**Sqm**	**5935.00**
	Basic rate	103.00							
	Area Weightage @ 8%	8.24							
	Total	**111.24**							
6	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. (Pg.no-15/Item.no-2.8)								
	For footings	6x2	3.20		0.90	69.12			
					Total	**69.12**	**249.48**	**Sqm**	**17244.00**
	Basic rate	231.00							
	Area Weightage @ 8%	18.48							
	Total	**249.48**							
7	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications (Pg.no-13/Item.no-4.10)								
	For footings	6	3.20	3.20	0.90	55.30			
	For columns below GL	6	0.20	0.60	2.80	2.02			
	Front projection concrete(Steps)	1	2.20	14.00	0.15	4.62			
	"	1	3.00	1.00	0.20	0.60			
	Chajja	5	1.50	0.60	0.10	0.45			
					Total	**62.98**	**6718.68**	**Cum**	**423156.00**
	Basic rate	6221.00							
	Area Weightage @ 8%	497.68							
	Total	6718.68							

8	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.(Pg.no-13/Item.no-4.12)								
	Ground Floor								
	Columns above plinth	6	0.20	0.60	3.65	2.63			
	Plinth beams								
	Outside L/W	2	9.70	0.20	0.30	1.16			
	S/W	2	7.00	0.20	0.30	0.84			
		1	3.10	0.20	0.30	0.19			
	Lintel Beam								
	Outside L/W	2	9.70	0.20	0.15	0.58			
	S/W	2	7.00	0.20	0.15	0.42			
	-	1	3.10	0.20	0.15	0.09			
	Roof beams								
	L/W	3	9.70	0.20	0.45	2.62			
	S/W	2	7.00	0.20	0.45	1.26			
		1	3.10	0.20	0.45	0.28			
	Deduction plinth beam								
	Columns	-6	0.20	0.60	0.45	-0.32			
	Deduction Lintel Beams								
	Columns	-6	0.20	0.60	0.15	-0.11			
	Deduction Roof Beams								
	Columns	-6	0.20	0.60	0.45	-0.32			
	Roof slab	1	9.70	7.00	0.15	10.19			
					Total	**19.50**	**6876.36**	**Cum**	**134089.00**
	Basic rate	6367.00							
	Area Weightage @ 8%	509.36							
	Total	**6876.36**							
9	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.(Pg.no-16/Item.no-4.32)								
	Ground floor								
	Columns upto plinth	6x2	0.20		2.50	6.00			
		6x2	0.60		2.50	18.00			

	Columns above plinth beam	6x2	0.20		3.65	8.76			
		6x2	0.60		3.65	26.28			
					Total	**59.04**	**395.28**	**Sqm**	**23337.00**
	Basic rate	366.00							
	Area Weightage @ 8%	29.28							
	Total	**395.28**							
10	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications.(Pg.no-16/Item.no-4.34)								
	Ground floor								
	Plinth beams								
	Outside L/W	3x2	9.70		0.30	17.46			
	S/W	2x2	5.50		0.30	6.60			
		1x2	3.10		0.30	1.86			
	Lintel Beam								
	Outside L/W	3x2	9.70		0.15	8.73			
	S/W	2x2	7.00		0.15	4.20			
		1x2	3.10		0.15	0.93			
	Roof beams								
	L/W	3x2	9.70		0.45	26.19			
	S/W	2x2	7.00		0.45	12.60			
		1x2	3.10		0.45	2.79			
	Chajja	5	0.60		1.50	4.50			
	"	5	0.60		0.10	0.30			
	Dduction columns plinth	-6	0.20		0.45	-0.54			
		-6	0.60		0.45	-1.62			
	Dduction columns lintle	-6	0.20		0.15	-0.18			
		-6	0.60		0.15	-0.54			
	Dduction columns beams	-6	0.20		0.30	-0.36			
		-6	0.60		0.30	-1.08			
					Total	**81.84**	**276.48**	**Sqm**	**22627.00**
	Basic rate	256.00							
	Area Weightage @ 8%	20.48							
	Total	**276.48**							
11	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2								
	Ground floor								
	Roof slab	1	9.70	5.50		53.35			
					Total	**53.35**	**316.44**	**Sqm**	**16882.00**
	Basic rate	293.00							
	Area Weightage @ 8%	23.44							

	Total	**316.44**							
12	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and achoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS 4.6.3. TMT Bars Fe 500 (P.No.17, I.No.4.46.2)								
	Ground floor								
	For Footings	62.98				64.24*120			
		1cum =120kg				7557.84			
	Columns,roofs beams etc	15.17				15.17*130			
		1cum =130kg				1972.10			
					Total	**9.53**	**61247.88**	**Tonne**	**583689.00**
	Basic rate	56711.00							
	Area Weightage @ 8%	4536.88							
	Total	61247.88							
13	Providing and constructing Precast concrete solid blocks with compressive strenght not less than 35Kg/sqm with cement mortar 1:4 masonry (quion, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms confirming to IS:2185/1965 in superstructure including cost of materials, labour charges, scalffolding, curing etc., complete as per specifications.(P.No.27, I.No.5.26.1)								
	Ground floor								
	L/W	2	9.70		2.70	52.38			
	S/W	2	5.50		2.70	29.70			
		1	3.10		2.70	8.37			
	Compound wall	1	49.50		1.80	89.10			
						90.45			
	Deduction								
	D	3	1.00		2.10	6.30			
	W	5	1.80		1.20	10.80			
						17.10			
					Total	**73.35**	**1011.96**	**Sqm**	**74227.00**
	Basic rate	937.00							
	Area Weightage @ 8%	74.96							
	Total	1011.96							
14	KSRB 15-3.14: Providing 12mm thick cement plaster in single coat with cement mortar 1:4 (with lime rendering) to ceiling inclunding & rounded off corners wherever required smooth rendering Providing & removing scaffolding, including cost of materials, labour curing complete as per specification (P.No.114, I.No.15.22)								
	Ground floor								
	Hall Ceiling	1	9.70	5.50		53.35			
					Total	**53.35**	**192.24**	**Sqm**	**10256.00**
	Basic rate	178.00							

	Area Weightage @ 8%	14.24							
	Total	192.24							
15	KSRB 15-3.4, : Providing 15mm thick cement plaster in single coat with cement mortor 1:3 (with lime rendering) to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(P.No.113, I.No.15.14)								
	Ground floor								
	Hall	2	5.40	2.70		29.16			
		2	5.50	2.70		29.70			
	STORE	2	2.34	2.70		12.64			
		2	3.10	2.70		16.74			
	KITCHEN	2	2.30	2.70		12.42			
		2	3.10	2.70		16.74			
	Compound wall	1	49.50	1.80		89.10			
	Deductions doors	-3	0.90	2.10		-5.67			
	W	-5	1.80	1.20		-10.80			
					Total	**190.03**	**180.36**	**Sqm**	**34273.00**
	Basic rate	167.00							
	Area Weightage @ 8%	13.36							
	Total	180.36							
16	KSRB 15-3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(P.No.114, I.No.15.17)								
	Ground floor								
	Walls	2	9.70	3.05		59.17			
		1	5.50	3.05		16.78			
	Compound wall	1	49.50	1.80		89.10			
	Deductions	-5	0.50	1.50	1.20	-4.50			
					Total	**160.55**	**213.84**	**Sqm**	**34331.00**
	Basic rate	198.00							
	Area Weightage @ 8%	15.84							
	Total	213.84							
17	Providing and laying flooring using prepolished, gang saw/water cut 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specifications. -do- using silver grey granite / Multy Red / Ruby Red / Black / Hassan Green / River Pink Granite of width not less than 1200mm								
	Ground floor								
	Hall	1	5.50	5.50		30.25			
	Skirting	1	22.00	0.15		3.30			
	Kitchen	1	3.10	2.30		7.13			
	Skirting	1	10.62	0.15		1.59			

	Store Room	1	2.40	3.10		7.44			
	Skirting	1	10.62	0.15		1.59			
	Verandha	1	14.00	2.80		39.20			
	"	1	14.00	1.00		14.00			
	Inside kitchen	1	2.30	0.60		1.38			
		4	1.20	0.60		2.88			
					Total	**108.77**	**2828.52**	**Sqm**	**307647.00**
	Basic rate	2619.00							
	Area Weightage @ 8%	209.52							
	Total	2828.52							
18	Providing and finishing external walls in two coats over one coat of primer with antifungal paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. (P.No. 124, I.No. 15.104 of CSR 2015-16).								
	Ground floor								
	Qty is same as External Plastering					160.55			
					Total	**160.55**	**163.08**	**Sqm**	**26182.00**
	Basic rate	151.00							
	Area Weightage @ 8%	12.08							
	Total	163.08							
19	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty, scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scafolding etc., complete as per specifications (page no. 126, item no.15.106)								
	Ground floor								
	Qty is same as internal Plastering								
					Total	**237.33**	**60.48**	**Sqm**	**14354.00**
	Basic rate	56.00							
	Area Weightage @ 8%	4.48							
	Total	60.48							
20	KSRB 15-15.1: Providing and applying painting in two coats with plastic emulsion paint with primer of approved brand on wall surface to give an even approved shade after throughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications (P.No.117, I.No.15.51.2)								
	Ground floor								
	Quantity same as Internal wall &					237.33			
					Total	**237.33**	**97.20**	**Sqm**	**23068.00**
	Basic rate	90.00							
	Area Weightage @ 8%	7.20							
	Total	97.20							

21	KSRB 11-11.1: Providing and fixing White vitreous china clay flat back wash basin size 630x450 with a pair of 15mm C.P Brass pillar taps with C.I / M.S brackets, 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (P.No.80, I.No.12.23)								
	Kitchen	1				1.00			
					Total	**1.00**	**4196.88**	**Unit**	**4197.00**
	Basic rate	3886.00							
	Area Weightage @ 8%	310.88							
	Total	4196.88							
22	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.((P.No.88, I.No.12.111)								
		2				2.00			
					Total	**2.00**	**172.80**	**Each**	**346.00**
	Basic rate	160.00							
	Area Weightage @ 8%	12.80							
	Total	172.80							
23	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of cistern in CC 1:2:4 as per directions (Rate inclusive of cost of materials and fixtures and conveyance of materials to work spot).(P.No.88, I.No.12.113.1)								
		2				2.00			
					Total	**2.00**	**270.00**	**Each**	**540.00**
	Basic rate	250.00							
	Area Weightage @ 8%	20.00							
	Total	270.00							
24	KSRB -13-6.1-1Providing and fixing in position brass Bib Cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications..(P.No.91, I.No.13.23)								
		2	12.00			2.00			
					Total	**2.00**	**249.48**	**Each**	**499.00**
	Basic rate	231.00							
	Area Weightage @ 8%	18.48							
	Total	249.48							
25	KSRB13-6.2-1:Providing and fixing in position brass Stop Cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. (P.No.91, I.No.13.26)								
		2				2.00			
					Total	**2.00**	**173.88**	**Each**	**348.00**
	Basic rate	161.00							
	Area Weightage @ 8%	12.88							
	Total	173.88							

26	KSRB-7.9: Providing and fixing M.S.grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S.flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifictions. Specification No. KBS 7.12 (Consider 21 Kg/ Sqm) (P.No.32, I.No.7.9)								
	W	5	1.80		1.20	10.80			
						10.80			
	Add 20% extra for wastage					**11.00**			
	At 21 Kg/Sqm				**Total**	**231.00**	**84.24**	**Kg**	**19459.00**
	Basic rate	78.00							
	Area Weightage @ 8%	6.24							
	Total	84.24							
27	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any Specification No. KBS								
	W	5	1.50		1.20	9.00			
					Total	**9.00**	**4123.44**	**Sqm**	**37111.00**
	Basic rate	3818.00							
	Area Weightage @ 8%	305.44							
	Total	4123.44							
28	Providing and fixing chorinated poly venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.)20mm nominal OD pipes(page.no-96/Item.no-13.86)								

	20mm pipe	1	12.00			12.00			
					Total	**12.00**	**226.80**	**Mtr**	**2722.00**
	Basic rate	210.00							
	Area Weightage @ 8%	16.80							
	Total	226.80							
	25mm pipe	1	15.00			15.00			
					Total	**15.00**	**270.00**	**Mtr**	**4050.00**
	Basic rate	250.00							
	Area Weightage @ 8%	20.00							
	Total	270.00							
29	Providing and fixing to wall, ceiling and floor unplasticised 110mm PVC 6.00 kgf/sq.cm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floorfor sanitary pipelines including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.(Page.no-88/Item no-12.116)								
		1	35.00			35.00			
					Total	**35.00**	**743.04**	**Mtr**	**26006.00**
	Basic rate	688.00							
	Area Weightage @ 8%	55.04							
	Total	743.04							
30	KSRB 9.4-1 : Providing wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications. Specification No. KBS 9.33 9.10 KSRB 9.4 : – do – Teak wood frames								
	D	3	6.00	0.125	0.100	0.23			
					Total	**0.23**	**200787.12**	**Cum**	**45177.00**
	Basic rate	185914.00							
	Area Weightage @ 8%	14873.12							
	Total	200787.12							
31	KSRB 9.5-1 : Providing and fixing in position fully panelled Teak wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34								
	D	3	1.00		2.10	6.30			
					Total	**6.30**	**8964.00**	**Sqm**	**56473.00**
	Basic rate	8300.00							
	Area Weightage @ 8%	664							
	Total	8964.00							
32	KSRB 15-17.4: Providing and applying painting two coats (including priming coat) on new wood surface and /or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreing matter, sand papering including cost of materials, labour, complete as per specifications.(P.No.119, I.No.15.58 &15.60.1)								

	D	3	1.00		2.10	6.30			
	For grill	5	1.80		1.20	10.80			
					Total	**17.10**	**33.48**	**Sqm**	**573.00**
	Basic rate	31.00							
	Area Weightage @ 8%	2.48							
	Total	33.48							
33	Conveying the excavated earth (leadcharges) to a with lead of 10 kms with all lead and lift. Including loading and unloading charges etc., complete as per direction of Engineer in charge (Data rate Approved)								
	Cost of haulage BR=Rs.2.0 T . Km (Pag No:133, It:17.4)								
	Loading and unloading BR=Rs.57.00(Pag No:133, It:17.1)								
	For 15 kms = 2.50X1.28X10kms= Rs.32.00(pag No:139)								
	Qty vide item no 1					261.75			
					Total	**261.75**	**89.00**	**Cum**	**23296.00**
	Loading and unloading	57.00							
	Lead of 10 kms	32.00							
	Total Rate:	**89.00**							
								TOTAL	**2499423.00**
								Miscellaneous and rounding off	**577.00**
	(Rupees Twenty five Lakhs Only)							**SUB TOTAL**	**2500000.00**

Certificate:

1. The work spot has been inspected and found to be necessary
2. The work spot comes under BBMP Limits
3. The provisions made in the estimate are necessary and minimum
4. The estimate is based on PWD SR of 2016-17

Sumithra.NK
Assistant Engineer
Ward No.

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

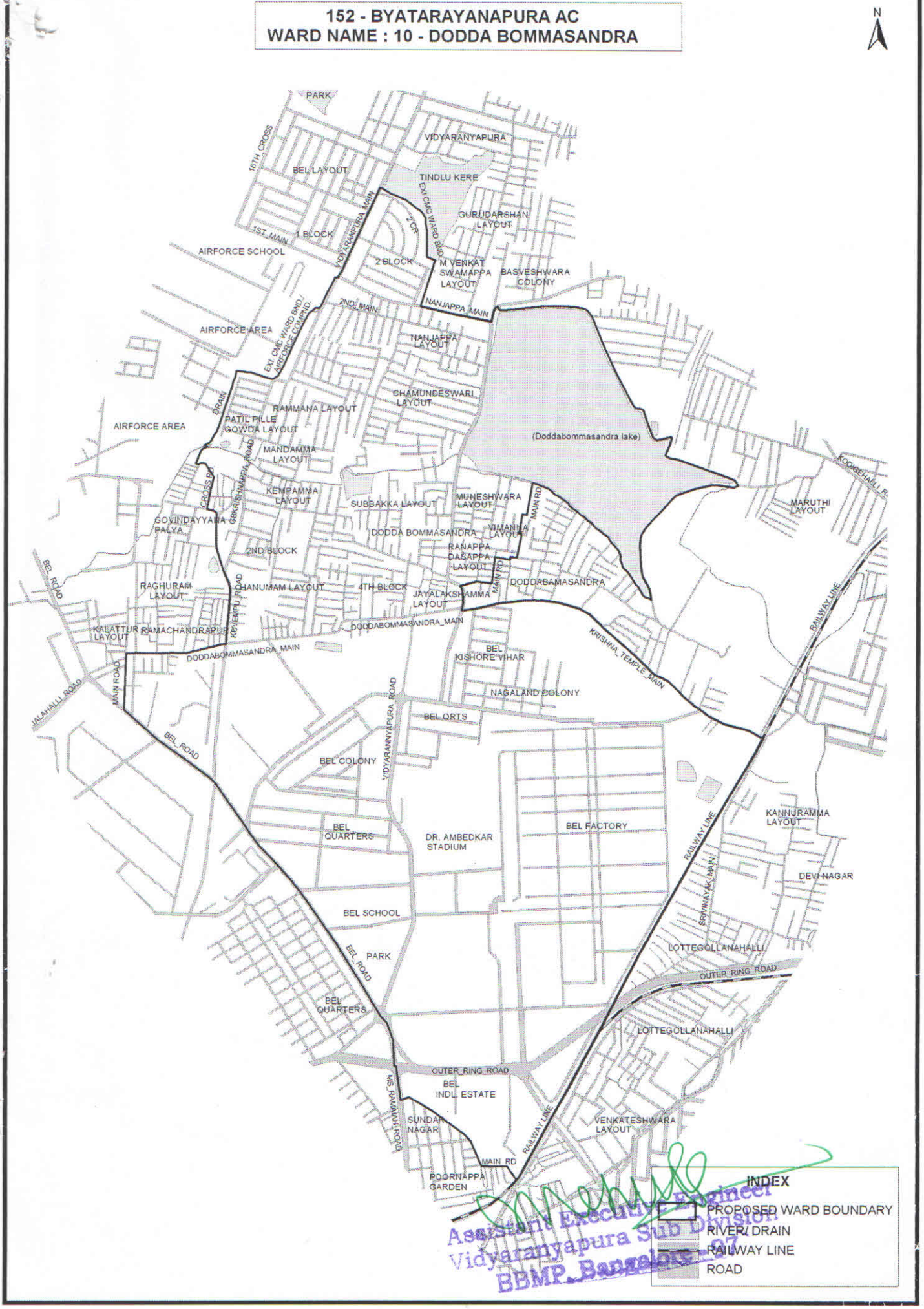
Administrative Approval
Accorded For Rs 25.00 lacs only
Head of A/C. P1771
CER NO :...60..... Dt: 10.07.2019

TA CE (YNK)

Technical Sanction
Accorded For Rs 25.00 lacs only
Head of A/C. P1771
CER NO :...44..... Dt: 10.07.2019

TA CE (YNK)

152 - BYATARAYANAPURA AC
WARD NAME : 10 - DODDA BOMMASANDRA



Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97